UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,194,072 B2
APPLICATION NO. : 09/803257
DATED : March 20, 2007
INVENTOR(S) : Oliver W. Gamble

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

All should read

Fig. 7, item 703: Inputted instructions from a variety of remote input terminals,

Fig. 7, item 705: The Central Site can stores information, until it is ready to act on it.

Fig. 7, item 710: The Central Site processes received information and validates the user's identity.

Fig. 7, item 715: If valid, the user's EA router access code, and model number information are retrieved from the user's record.

Fig. 7, item 720: If valid, the user's EA router access code, and model number information are retrieved from the user's record.

Fig. 7, item 725: This information is used to generate a numeric string that encodes the command instructions that are required to effectuate the recording.

Fig. 7, item 725: The central site validates the user's identity and collects information regarding the program the user wants to record: day of recording, time of the recording, channel from which to record the program. The central site then generates a string of DTMF tones that encodes the user's access code, channel from which the recording is to be made, the commands to activate the VCR, the commands for rewinding the tape, and the commands for start recording.

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Fig. 7, item 730: The central site sends the code out anywhere from 5 to 10 minutes before the desired recording time. This reduces the size and amount of coding required to be sent. In another embodiment, the string of DTMF tones sent to the EA router 120A contains coding information for selecting date and time. In other embodiments, the central site may allow interaction with the user's device directly.

Fig. 7, items 735 & 740: String of DTMF tones may be transmitted to the EA router 120A. The position and length of each component of the encoded instructions to the recording device is preset, allowing the EA muter 120A to easily convert the central site transmitted data string into an access code, instructions codes that mimic the recording device remote control unit, and a termination flag.

Fig. 7, item745: The central site generates a string of DTMF tones that encodes this information as shown above. In one embodiment the registered EA router's access code is attached to the beginning of the encoded information, and the end of data flag (#) is attached to the end of the encoded information. The access code allows the EA router 120A to determine if the captured string of DTMF-tones should be accepted. The end of data flag tells the EA router 120A when the end of the string of DTMF tones is reached, and that it can now begin to process the string into code signals that will mimic a remote control unit.

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Fig. 7, item 745: Once the string of digits is convened into valid code signal that the recording device recognizes, the instruction codes are transmitted to the recording device. The transmission mode may be in the form of infrared light impulses generated by the infrared diode/transmitter attached to the EA muter 120A (FIG. 2A) and received by the recording device infrared detector.

(As shown on attached Figs. 7A & 7B)

In Figure 8, there is a user (Step 1) contracting a Central Site (Step 3) via a communication network (Step 2). The Central Site will accept inputted instruction in the form of DTMF tones transmitted over a communication network. The Central Site will process and store the data at the Central Site (Step 4). The Central Site will then forward the process input from the user to a remote location (Illustration 1, item 200) over a communication network (Step 5 and Step 6). At the Remote location the EA-Router (AKA Device at Remote location) will accept and evaluate the information from the Central Site. If a valid authorization code is detected, the EA-Router will forward the Instructions from the Central Site to the targeted appliance (VCR) by Infrared signals.

(As shown on attached Fig. 8)

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In Figure 9, there is a user (Step 1) contracting a Central Site (Step 3) via a communication network (Step 2). The Central Site will accept inputted instruction in the form of DTMF tones transmitted over a communication network. The Central Site will process and store the data at the Central Site (Step 4). The Central Site will then forward the process input from the user to a remote location (Illustration 2, item 200) over a communication network (Step 5 and Step 6). At the Remote location the EA-Router (AKA Device at Remote location) will accept and evaluate the information from the Central Site. If a valid authorization code is detected the EA-Router will forward the Instructions from the Central Site by transmitting electrical signals over a wire directly to the targeted appliance (VCR).

(As shown on attached Fig. 9)

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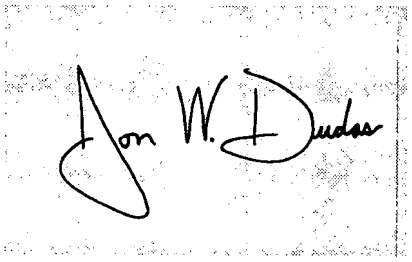
In Figure 10, there is a user (Step 1) contracting a Central Site (Step 3) via a communication network (Step 2). The Central Site will accept inputted instruction in the form of DTMF tones transmitted over a communication network. The Central Site will process and store the data at the Central Site (Step 4). The Central Site will then forward the process input from the user to a remote location (Illustration 3, item 200) over a communication network (Step 5 and Step 6). At the Remote location the EA-Router (AKA Device at Remote location) will accept and evaluate the information from the Central Site. If a valid authorization code is detected, the EA-Router will forward the Instructions from the Central Site to the targeted appliance (VCR) by Audio, Infrared, Ultra-Violet, RF, Electrical Signals, or Blue Tooth Technology.

(As shown on attached Fig. 10)

Signed and Sealed this

Twenty-first Day of August, 2007



JON W. DUDAS
Director of the United States Patent and Trademark Office

Figure 7A

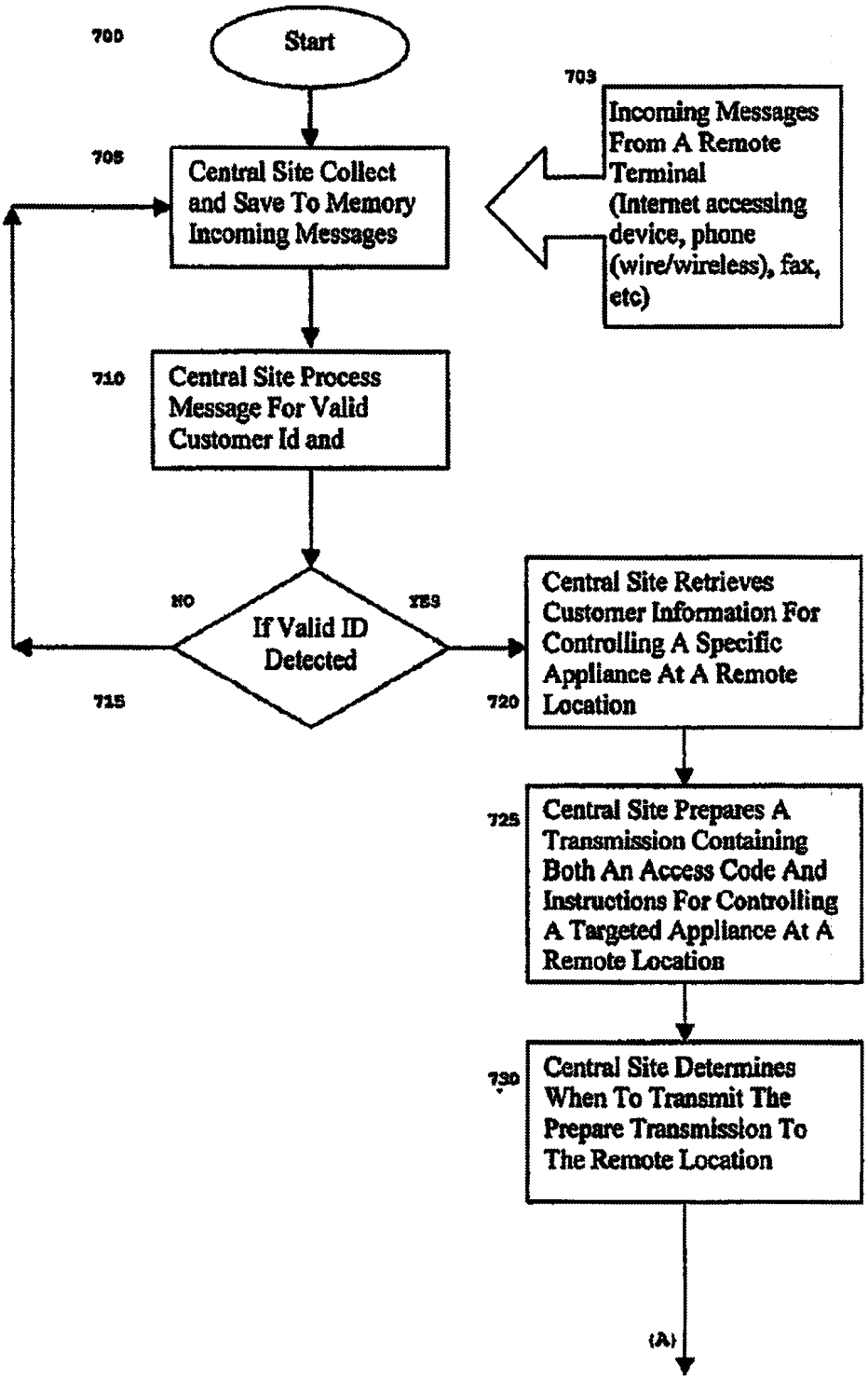

700
Start
703
Incoming Messages From A Remote Terminal (Internet accessing device, phone (wire/wireless), fax, etc)
705
Central Site Collect and Save To Memory Incoming Messages
710
Central Site Process Message For Valid Customer Id and
If Valid ID Detected
715
720
Central Site Retrieves Customer Information For Controlling A Specific Appliance At A Remote Location
725
Central Site Prepares A Transmission Containing Both An Access Code And Instructions For Controlling A Targeted Appliance At A Remote Location
730
Central Site Determines When To Transmit The Prepare Transmission To The Remote Location
(A)

Figure 7 B

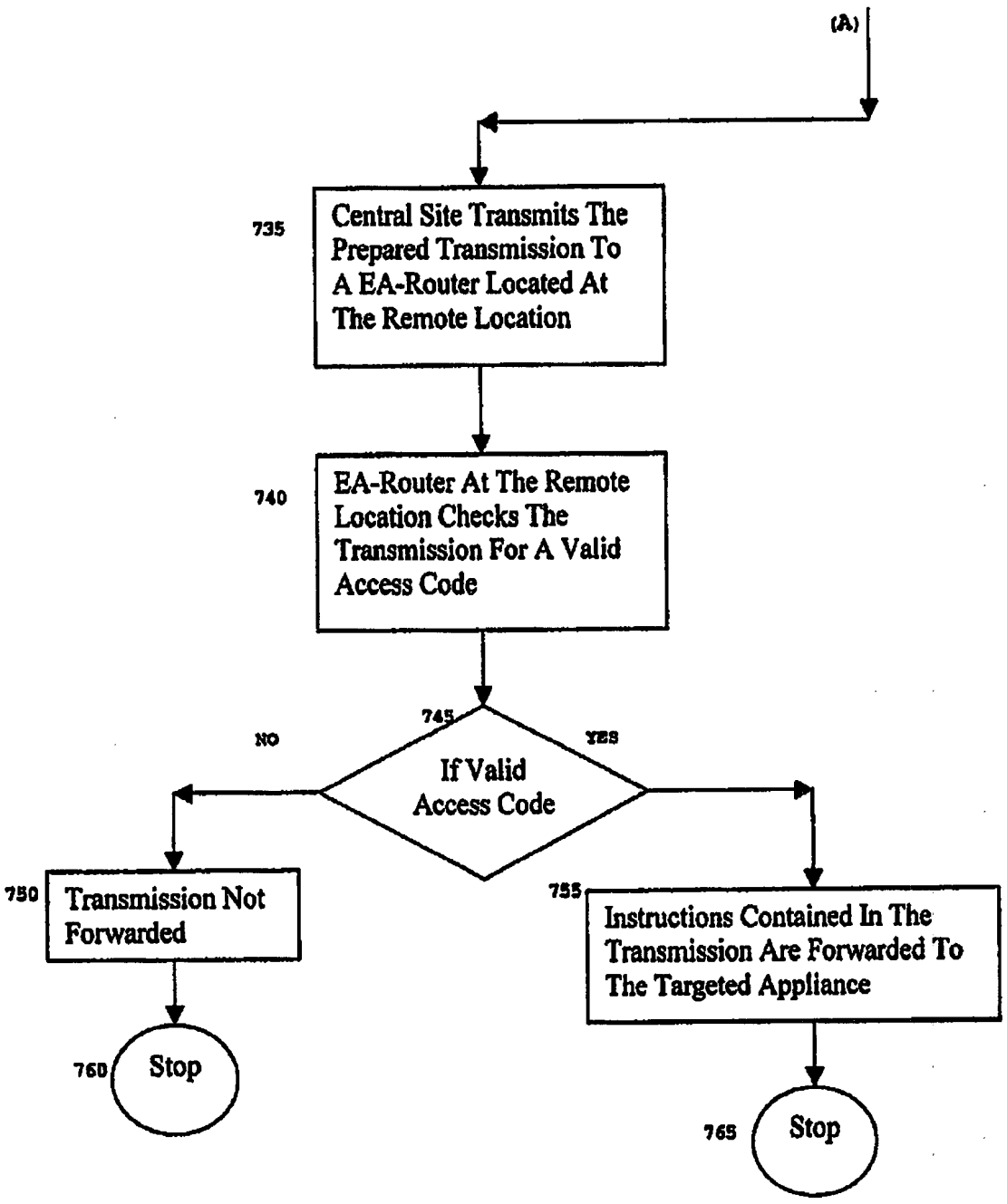

(A)
735
Central Site Transmits The Prepared Transmission To A EA-Router Located At The Remote Location
740
EA-Router At The Remote Location Checks The Transmission For A Valid Access Code
745
If Valid Access Code
NO
YES
750
Transmission Not Forwarded
760
Stop
755
Instructions Contained In The Transmission Are Forwarded To The Targeted Appliance
765
Stop

Figure 8

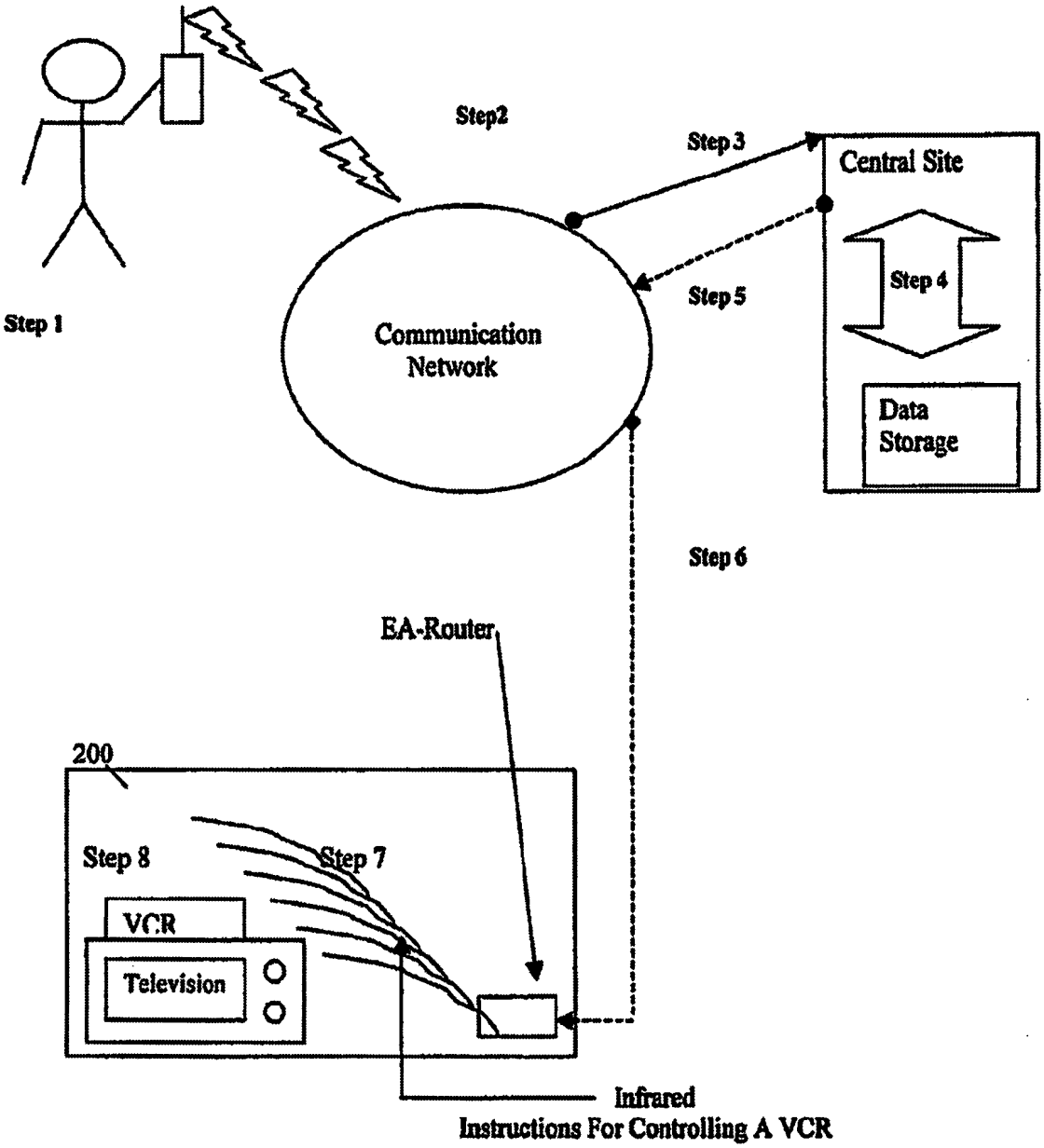

Step2
Step 3
Central Site
Step 4
Step 5
Step 1
Communication Network
Data Storage
Step 6
EA-Router
200
Step 8
Step 7
VCR
Television
Infrared
Instructions For Controlling A VCR

Figure 9

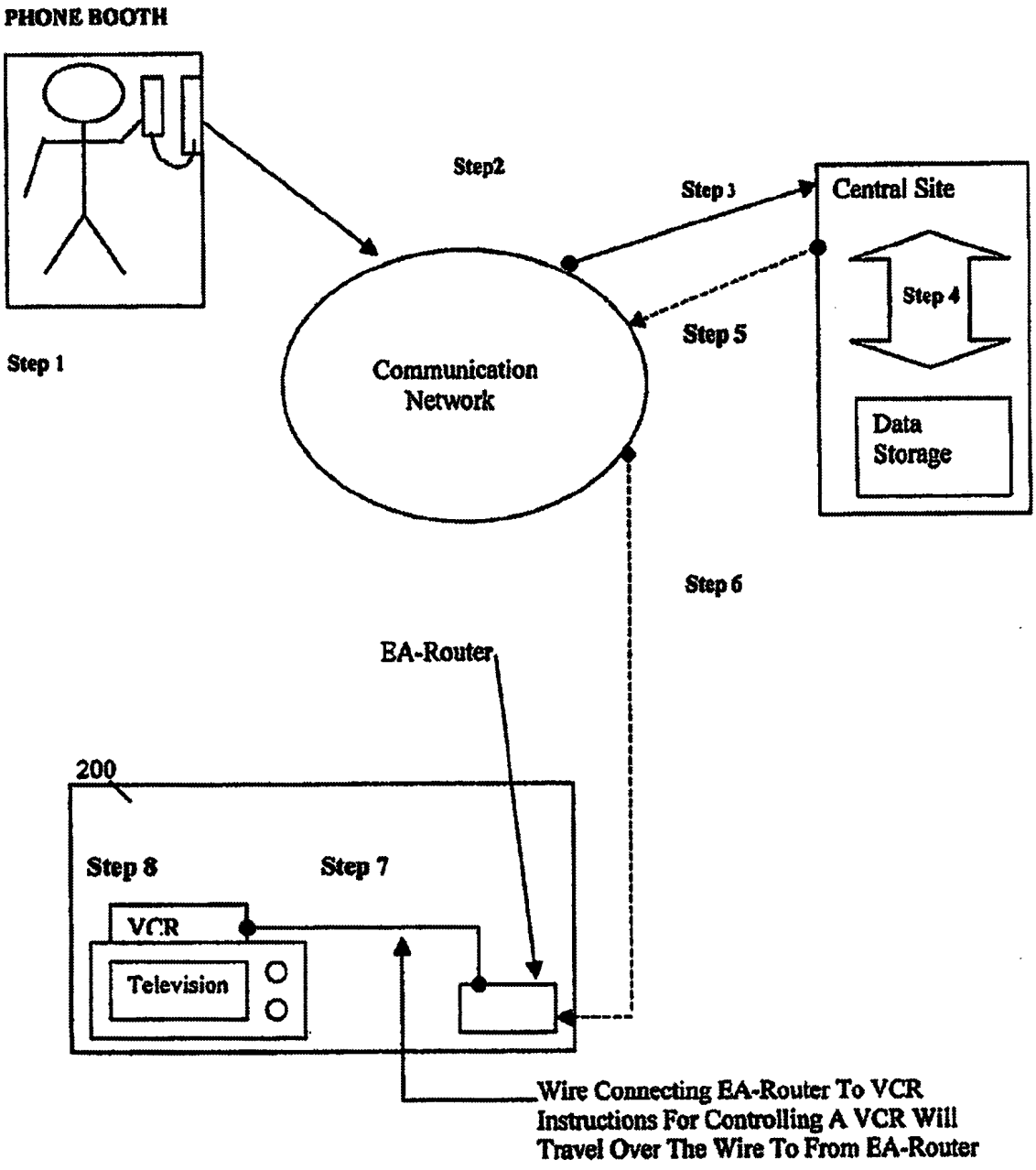
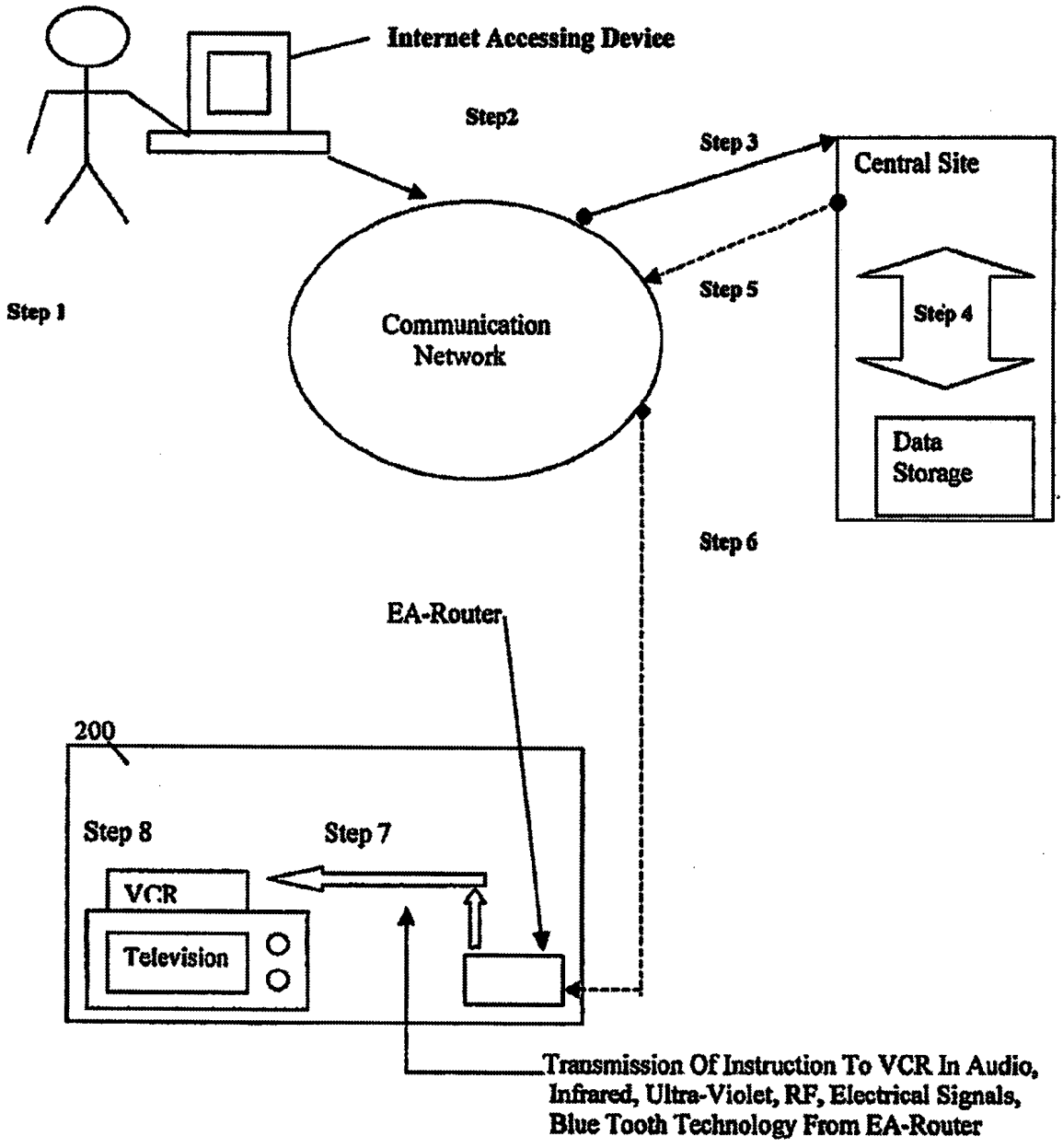

PHONE BOOTH
Step 1
Step2
Step 3
Central Site
Step 4
Step 5
Communication Network
Data Storage
Step 6
EA-Router
200
Step 8
Step 7
VCR
Television
Wire Connecting EA-Router To VCR
Instructions For Controlling A VCR Will
Travel Over The Wire To From EA-Router

Figure 10


Internet Accessing Device
Step2
Step 3
Central Site
Step 1
Communication Network
Step 5
Step 4
Data Storage
Step 6
EA-Router
200
Step 8
Step 7
VCR
Television
Transmission Of Instruction To VCR In Audio, Infrared, Ultra-Violet, RF, Electrical Signals, Blue Tooth Technology From EA-Router